

Atty. Docket No. CA1464  
**PATENT APPLICATION**

AMENDMENT UNDER 37 C.F.R. § 1.114(c)  
U.S. Application No. 09/964,129

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1-32. *(Cancelled)*

33. *(New)* A management system for managing resources to be provided to a plurality of clients, the resources including a router, a server, and a plurality of storage volumes, the management system comprising:

a network management system which stores network configuration information including relationship between IP addresses of the clients and VLAN-IDs, and manages the router based on the network configuration information, wherein the router assigns corresponding VLAN-ID to a packet with IP address when sending the packet from one of the clients to the server;

a server management system which stores server configuration information including relationship between the VLAN-IDs, LPAR IDs and interface IDs to access at least one of the plurality of storage volumes, and manages the server based on the server configuration information, wherein the server has a plurality of logical partitions specified by the LPAR IDs which are associated with the interface IDs;

a storage management system which stores storage configuration information including relationship between the interface IDs and at least one of the plurality of storage volumes to be accessed, and manages the plurality of storage volumes based on the storage configuration

Atty. Docket No. CA1464  
**PATENT APPLICATION**

AMENDMENT UNDER 37 C.F.R. § 1.114(c)  
U.S. Application No. 09/964,129

information, wherein the plurality of storage volumes is access-controlled by using the interface IDs; and

an integrated management system coupled communicatively to the network management system, the server management system and the storage management system so that the integrated management system can manage the network configuration information, the server configuration information and the storage configuration information;

wherein the integrated management system determines configuration changes of the resources that need to be made in order to operate service with reference to the network configuration information, the server configuration information and the storage configuration information so that the integrated management system can manage configuration of the resources on per-service basis.

34. (New) The management system of claim 33,

wherein the network configuration information includes communication protocol information, the server configuration information includes OS, CPU processing capability information, and the storage configuration information includes volume capacity and access control attribute, respectively.

35. (New) The management system of claim 34,

wherein the integrated management system collects the network configuration information, the server configuration information and the storage configuration information from the network management system, the server management system and the storage management system.

Atty. Docket No. CA1464  
**PATENT APPLICATION**

AMENDMENT UNDER 37 C.F.R. § 1.114(c)  
U.S. Application No. 09/964,129

36. (New) The management system of claim 35,

wherein the integrated management system sends a new configuration in order to reflect the configuration changes to at least one of the network management system, the server management system and the storage management system,

the at least one of the network management system, the server management system and the storage management system determines configuration changes of the resources that need to be made in order to execute the new configuration with reference to the network configuration information, the server configuration information and the storage configuration information respectively.

37. (New) The management system of claim 35,

wherein the integrated management system stores a service status information including fault affect on per-service basis.